

INTELLIGENCE DATA HANDLING METHODOLOGY

A. Classification By Application

1. Calculation of Movements and Locations of Known Mobile Objects
2. Calculation of Movements and Locations of Unknown Mobile Objects
3. Calculation of Location of Fixed Objects
 - a. Identifiable by Non-Geographical Characteristics
 - b. Identifiable by Geographical Characteristics
4. Calculation of Quantitative Characteristics of Objects
5. Environmental Calculations
 - a. Weather
 - b. Fall-out
 - c. Nuclear Generated Patterns
 - d. Spectrometric Observations
 - e. Traffic Patterns, etc.
6. Inventory Calculations (log, weapons, etc)
7. Network Problems
 - a. Communication Netting
 - b. Transportation Nets, etc.
8. System Monitoring
 - a. Traffic Analysis
 - b. Space Craft Performance
 - c. Lie Detection
 - d. Bomb Alarm Systems, etc.
9. Control Processing
 - a. A/C Control
 - b. Satellite Control
 - c. Fire Control, etc.
10. System Management
 - a. Collection Management
 - b. EDP System Management
 - c. Library Management
 - d. Dissemination Management, etc.

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11. Cryptanalysis
12. Simulation
13. Language Translation
14. Geographical Calculations
 - a. Mapping & Charting
 - b. Geodesy, etc.
15. Astronomical Calculations
 - a. Space Guidance Calculations
 - b. Stellar Determinations, etc.
16. Image Interpretation
 - a. Photographic
 - b. I. R.
 - c. SLAR
 - d. MIT, etc.
17. Language Processing (Other than Translation)
 - a. Abstracting
 - b. Indexing
 - c. Extracting
 - d. Formatting, etc.
18. Pattern Recognition
 - a. Character
 - b. Lexicographical
 - c. Symbolic
 - d. Trends
 - e. Contour, etc.
19. Document Retrieval (Includes Storage)
 - a. Film Chips
 - b. Film Reels
 - c. Paper Documents (Books, Reports, Messages)
 - d. Charts, etc.
20. Information Storage and Retrieval
 - a. Text
 - 1) Formatted
 - 2) Unformatted
 - b. Numerical
 - c. Signals
 - 1) Digital
 - 2) Analog, etc.

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21. Predictive Calculations

- a. Indications
- b. Warning
- c. Estimates, etc.

22. Planning

- a. Simulation
- b. System Design
- c. Financial
- d. Contingency and/or Operations
- e. Targetting
- f. Penetration

23. Teaching

- a. Language
- b. Techniques
- c. Concepts
- d. Analysis, etc.

24. Problem Solving

- a. Intelligence Analyses
- b. Inductive Processes
- c. Inferential Decision-Making
- d. Fragmentary Data Analysis
- e. Attack Assessment
- f. Strike Assessment, etc.

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B. Classification by Source Data Type

1. Textual

- a. Free Text
- b. Unformatted but Subject Oriented
- c. Formatted
- d. Code

2. Numerical

- a. Code
- b. Encrypted
- c. Straight (Non-code and Non-encrypted)

**3. Alphanumeric
(Combination of 1 & 2 above)**

4. Visual Data

- a. Photographs
- b. I. R.
- c. SLAR
- d. Radar Returns
- e. Diagrams
- f. Charts and Graphs
- g. Maps
- h. Oscillograms
- i. Finger Prints
- j. Spectograms

5. Electronic Signals

- a. Telemetry
 - 1) Externals
 - 2) Internals
- b. Radar
- c. Wide-Band
- d. Narrow-Band
- e. Physiological Indicators, etc.

6. Acoustic

- a. Voice of Speech
- b. Sonar
- c. Seismic
- d. Low Frequency Special Systems, etc.

7. Documents

**(Here the document itself is to be handled as an entity
with the information it contains being of no interest)**

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- a. Books, Reports, Papers
- b. Messages
- c. Film Reels
- d. Film Chips
- e. Magnetic Tapes
- f. Paper Tapes
- g. Maps & Charts.

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